

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-------|------------------|---------|------------------|
| S5 | 42 | ("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189"). pn. | USPAT | OR | OFF | 2006/12/21 22:04 |
| S6 | 42 | ("6002768" "6100823" "6190679" "5260941" "6154879" "5591949" "5696823" "5623637" "6209016" "6298135" "6199762" "5659616" "6393565" "6000832" "6142690" "6317700" "6151677" "6193152" "5778071" "5864667" "5903651" "5982898" "6282649" "6301658" "6308277" "6367013" "6430688" "6442689" "6745327" "6049878" "5799088" "5790677" "6230269" "6560581" "6105012" "6415271" "5978918" "4521879" "5008827" "5742756" "6202157" "4928001"). pn. | USPAT | OR | OFF | 2005/05/24 11:07 |
| S7 | 42 | ("6834272" "5677955" "5535276" "5737419" "5748735" "5889861" "5265164" "5481613" "5796830" "5923756" "6072876" "6198824" "5517567" "5615268" "5815573" "5933503" "5937066" "5974150" "6052469" "6122712" "6202150" "4525805" "5204901" "5237571" "5541994" "5604801" "5633929" "5675649" "5680460" "5748738" "5799086" "5832091" "5841865" "5850451" "5857022" "5867578" "5872849" "5982899" "6009177" "6134658" "6134327" "6167521"). pn. | USPAT | OR | OFF | 2005/05/24 11:09 |

EAST Search History

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|-----|----|---|-------|----|-----|------------------|
| S8 | 42 | ("5214691" "5216715" "5222136" "5311595" "5379280" "5392353" "5408526" "5412723" "5418854" "5440635" "5448634" "5497421" "5689565" "5778070" "5812764" "5841868" RE36310 "6038551" "6041123" "6233337" "6247127" "6256734" "6282295" "6282648" "6285991" "6289453" "6292569" "6307935" "6314521" "6339828" "6345098" "6385728" "6393126" "6408389" "6411716" "6424718" "6425011" "6442696" "6466048" "6473508" "6476351" "6477370"). pn. | USPAT | OR | OFF | 2005/05/24 11:09 |
| S10 | 41 | ("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828"). pn. | USPAT | OR | OFF | 2005/05/24 11:10 |
| S11 | 39 | ("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229"). pn. | USPAT | OR | OFF | 2005/05/24 11:11 |

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|-----|------|--|---|----|-----|------------------|
| S13 | 50 | ("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn. | USPAT | OR | OFF | 2005/05/24 11:13 |
| S14 | 292 | S5 or S6 or S7 or S8 or S10 or S11 or S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/25 08:53 |
| S15 | 3 | certificate same enrollment same renewal same revocation same (workflow or workflows) | USPAT | OR | OFF | 2006/07/10 08:41 |
| S16 | 7 | certificate same enrollment same renewal same revocation | USPAT | OR | OFF | 2006/07/10 08:41 |
| S17 | 3 | request same workflow same certificate | USPAT | OR | OFF | 2006/07/10 08:41 |
| S18 | 3 | request same workflow\$2 same certificate | USPAT | OR | OFF | 2006/07/10 08:41 |
| S19 | 1688 | workflow\$2 | USPAT | OR | OFF | 2006/07/10 08:42 |
| S21 | 147 | request and workflow\$2 and certificate | USPAT | OR | OFF | 2006/07/10 08:42 |
| S22 | 6 | request and workflow\$2 and certificate and directives | USPAT | OR | OFF | 2006/07/10 08:42 |
| S25 | 3 | (request with action) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate | USPAT | OR | OFF | 2006/07/10 08:42 |
| S26 | 4 | (request\$2 with action\$2) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate | USPAT | OR | OFF | 2006/07/10 08:42 |
| S27 | 59 | request same certificate same (enroll\$4 or renew\$2 or revok\$5) | USPAT | OR | OFF | 2006/07/10 08:42 |
| S28 | 43 | employing and electronic and certificate and workflows | USPAT | OR | OFF | 2006/07/10 08:42 |

EAST Search History

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|-----|-----|----------------|---|----|-----|------------------|
| S29 | 134 | sinn-r\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/10 08:42 |
| S30 | 246 | teng-j\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/10 08:42 |
| S31 | 14 | remahl-t\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/10 08:42 |
| S32 | 2 | "5581691".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/01 14:18 |
| S33 | 2 | "5999911".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/01 14:18 |
| S34 | 2 | "6138104".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/01 14:18 |
| S35 | 2 | "6073109".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/01 14:19 |

EAST Search History

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|-----|------|---|---|----|-----|------------------|
| S36 | 32 | ("6131120" "5581691" "5999911" "6138104" "6073109" "5903882" "6223291" "6367013" "5944824" "6347312" "5077666" "5455953" "5530861" "5581691" "5678041" "5692125" "5708780" "5764890" "5991810" "5999911" "6073109" "6098056" "6131120" "6138104" "6141778" "6151531" "6158010" "6182142" "6208986" "6212558" "6256739" "6266420" "6338097" "6366913" "6434531" "6442567" "6539379").pn. | USPAT | OR | OFF | 2005/06/01 16:42 |
| S37 | 3 | certificate same enrollment same renewal same revocation same (workflow or workflows) | USPAT | OR | OFF | 2006/07/10 08:41 |
| S38 | 7 | certificate same enrollment same renewal same revocation | USPAT | OR | OFF | 2006/07/10 08:41 |
| S39 | 5 | request same workflow same certificate | USPAT | OR | OFF | 2006/07/10 08:41 |
| S40 | 5 | request same workflow\$2 same certificate | USPAT | OR | OFF | 2006/07/10 08:41 |
| S41 | 2361 | workflow\$2 | USPAT | OR | OFF | 2006/07/10 08:42 |
| S42 | 194 | request and workflow\$2 and certificate | USPAT | OR | OFF | 2006/07/10 08:42 |
| S43 | 12 | request and workflow\$2 and certificate and directives | USPAT | OR | OFF | 2006/07/10 08:42 |
| S44 | 7 | (request with action) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate | USPAT | OR | OFF | 2006/07/10 08:42 |
| S45 | 8 | (request\$2 with action\$2) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate | USPAT | OR | OFF | 2006/07/10 08:42 |
| S46 | 96 | request same certificate same (enroll\$4 or renew\$2 or revok\$5) | USPAT | OR | OFF | 2006/07/10 08:42 |
| S47 | 45 | employing and electronic and certificate and workflows | USPAT | OR | OFF | 2006/07/10 08:42 |
| S48 | 289 | teng-j\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/10 08:42 |

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|-----|-----|--|---|----|-----|------------------|
| S49 | 16 | remahl-t\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/10 08:42 |
| S50 | 137 | sinn-r\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/10 10:10 |
| S51 | 169 | ("5301320" "5734837" "5822454" "5831975" "5867665" "5867824" "5884284" "5907837" "5940834" "5960422" "5961593" "5966702" "5987457" "5991768" "5991807" "6012098" "6044462" "6061726" "6061740" "6073242" "6105063" "6105066" "6112181" "6154776" "6173311" "6195689" "6195696" "6041306" "6216231" "6219667" "6223291" "6263332" "6263363" "6275916" "6292833" "6295061" "6304949" "6317783" "6330569" "6336124" "6336214" "6339826" "6389589" "6397232" "6408336" "6457066" "6493702" "6493731" "6507857" "6519571" "6519767" "6523027" "6539021" "6542515" "6564370" "6571216" "6571279" "6574675" "6587856" "6591260" "6606644" "6632251" "6643661" "6671695" "6675261" "6678733" "6728685" "6745327" "6748374" "6748569" "6751797" "6754702" "6782379" "6785726" "6791949" "6816871" "6842863" "6854016" "6886170" "6901588" "6959415" "6968503" "6970862").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/10 10:10 |

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|-----|-----|---|---|----|-----|------------------|
| S52 | 78 | "20040153509" "20040049675" "20040064356" "20040002903" "20030110376" "20030065921" "20020138543" "20020138572" "20020138577" "20020138763" "20020143865" "20020143943" "20020147746" "20020147801" "20020147813" "20020152244" "20020152254" "20020158679" "20020166049" "20020184444" "20010023440" "20010027439" "20010049770" "20020053023" "20020062435" "20020065701" "20020078307" "20020091836" "20020099822" "20020103819" "20020108003" "20020129024" "20020129135" "20020129177" "20020133516" "20010002485" "20010007133" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/10 10:10 |
| S53 | 189 | sinn.in. | USPAT | OR | OFF | 2006/12/21 22:14 |
| S54 | 0 | sinn.in. and certificate | USPAT | OR | OFF | 2006/12/21 22:04 |
| S55 | 1 | "6061726".pn. | USPAT | OR | OFF | 2006/12/21 22:26 |
| S56 | 2 | "6061726".pn. "6173311".in. "6854016".pn. | USPAT | OR | OFF | 2006/12/21 22:28 |
| S57 | 3 | "6061726".pn. "6173311".pn. "6854016".pn. | USPAT | OR | OFF | 2006/12/21 22:28 |